

UTAH COUNTY
CORE
CORRIDOR EXPANSION

**CONSTRUCTION
AHEAD**

YOUR GUIDE TO LIVING
WITH CONSTRUCTION

UDOT's I-15 Corridor Expansion (I-15 CORE) from Lehi to Spanish Fork is in Full Swing

Road construction is a process that is constantly in motion, with activity shifting from one area to another. Projects are built sequentially, similar to acts in a play. As crews move from one stage of construction to the next, it's important to know what kind of work is being done. This guide is designed to help you understand exactly what's happening on the Utah County I-15 Corridor Expansion.



THINGS YOU NEED TO KNOW ABOUT I-15 CORE CONSTRUCTION



Bridge Demolition

Rebuilding I-15 means demolishing and removing existing bridges, concrete barriers and pavement. Much of the bridge demolition work has to be done at night for the safety of the drivers on I-15. During demolition work, several large machines will be working in a small area and will generate noise for a short period of time.



Concrete Pavement

Special equipment will be used to place the new concrete pavement on I-15. This operation is noisy due to the constant hum of the paving machine, dump trucks delivering the concrete to the paver and the sounds of air hammers and other machinery. Once the pavement is placed, joints have to be cut into the concrete no later than 10 hours afterwards. The saw-cutting will also generate noise.



Pile Driving

In order to build bridges, construction workers have to drive steel pilings deep into the ground. A crane with a large hammer attached will pound each pile to a certain depth. This is a noisy operation and creates some vibration too. However, in comparison to other work, it is relatively short in duration. Much of this work will be done during the day and we will monitor the noise and vibration levels.



Retaining Wall Installation

Crews will need to access properties in order to install fences and retaining walls. If you own property along I-15, you will be contacted well in advance if the construction workers need to access it.



Utility Work

Water, gas, power and other service lines cross under or parallel I-15. There may be times when a specific service will need to be shut down temporarily. If a planned service disruption is necessary in your area, you will be contacted before the utility is turned off. If there is ever an unplanned disruption, call your utility service provider.

SAFETY ACTIVITIES





Back-Up Alarms

When construction machines and trucks are working nearby, you should expect to hear back-up alarms. These alarms are vital to the safety of the crews building I-15 and are required by law. The volume of the alarm cannot be turned down nor can it be turned off. We are taking steps to ensure we minimize how much our dump trucks have to back up, but the other equipment will need to work back and forth.



Heavy Construction Equipment

Construction equipment varies in size and type. Large trucks will be hauling materials and supplies in and out of the work area. Other specialized equipment, such as trackhoes and grading and compacting machines, will prepare the underlying road surfaces. As part of the nature of the equipment, some of these machines make more noise than others. You should also expect to hear the hum associated with diesel engines operating nearby.



Lighting

To work safely at night, crews need to use large portable lights. Each light plant has a generator that will need to operate all night. We will keep the lights focused on the specific work areas as much as possible, but the light may spill over to nearby homes. Work at night is essential to the contractor meeting its commitment to complete the project by December 2012. This aggressive timeline will provide for a shorter duration of inconvenience to the public in the long term.



Vibrating Equipment

You may feel vibrations from rollers compacting the fill material during the day and night. This work is important, as all the sub-surface materials for the roads and bridges have to be consolidated and compacted so that each road and bridge section performs properly. We will reduce the noise and vibrations when possible.

EQUIPMENT





Dust

With the construction work there will be dust. We will do what we can to minimize the amount of dust by keeping the material we haul in moist and keeping the project area as clean as we can. However, in spite of our best efforts, there will be dust.



Survey Stakes

Depending on the location, our survey crews may need to place wooden stakes with various colored flags on your property. This does not mean that the freeway is going onto your property. These stakes simply provide reference points to help the crews know where the construction work needs to be. This should only be done if UDOT has purchased an easement from you.

STRATEGIES TO HELP EASE THE INCONVENIENCE OF LIVING NEAR A CONSTRUCTION ZONE:

Get Informed: Sign up for weekly I-15 CORE construction updates at udot.utah.gov/i15core.

Ask Questions About What Can Be Expected: The more you know, the better you can manage the situation.

Be Prepared: In the event of a planned or unplanned power outage due to utility work, keep flashlights and spare batteries in an easily accessible location.

Muffle Nighttime Noise: A running fan or white noise machine can muffle construction noises and help you sleep; inexpensive earplugs are also helpful.

Protect Your Breakables: If construction is occurring very close to your home, consider removing breakable items, such as china, from high, open shelves in case of vibration from equipment.

Keep Dust Out: Especially on windy days, close windows to keep worksite dust from getting into your home.

Stay Positive: In the long-term, this project will greatly improve mobility, access and quality of life for Utah County residents.

GENERAL



The I-15 CORE team has a comprehensive public communication and outreach plan to inform residents in advance of inconveniences in their area. Our Public Involvement Coordinators can help you stay informed of scheduled construction activities so you can plan ahead for these inconveniences.

**Public Involvement
Coordinators**

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A UDOT Project